

STREAM DATA

The drainage area consists of 507.6 km² (50764 ha). This area was obtained from the drainage book prepared by the U.S. Department of the Interior, Geological Survey, page 124.

The stream rises slowly and goes down slowly. The main channel is new at the north side of the structure and has been for many years, but another used to be at the south end of the structure before this structure was built. This information was obtained from an old atlas and local old timers.

About 70 m of the river bottoms along the centerline and about 150 m up and downstream is an island built up of mud, sand, and loose rock. This island is grown up with willows and small sycamores that catch quite a bit of small- to medium-sized drift and probably slows the flow of water during high water period. A set of plans is on hand, dated 1957, which proposed to clear out a similar situation at this location. Whether it was done is not known. If it was, it is probably just as bad or worse now. This set of plans shows the main channel to be on the south side of the structure.

High Water Elevation = 193.1 m (1897 and 1961)

Low Water Elevation = 184.6 m (present water -0.15 m)

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Figure 22-6D